

ABSTRACT

A mechanical transmission system (10) is provided with a detent mechanism (156/172, 186/196) for applying a selectively variable detent resistance to disengagement of an engaged gear ratio. To provide resistance to shift lever (31) induced jumpout when no intent to shift is sensed, a greater detent resistance is provided, and to provide improved shift quality upon sensing an intent to shift, a lesser detent resistance is provided. The mechanism also may be utilized to maintain the transmission in neutral.